

## PRODUCTION OF POLYVINYLIDENE FLUORIDE POWDER

Patent Number: JP58065711  
Publication date: 1983-04-19  
Inventor(s): OKUNO CHIYUUZOU  
Applicant(s): DAIKIN KOGYO KK  
Requested Patent: ☐ JP58065711  
Application Number: JP19810146649 19810914  
Priority Number(s):  
IPC Classification: C08F14/22; C08F2/38  
EC Classification:  
Equivalents: JP1203252C, JP58034484B

---

### Abstract

---

**PURPOSE:** To produce a polyvinylidene fluoride powder excellent in heat stability, solubility and organosol formability without detriment to the polymerization rate, by using a specified chain transfer agent in polymerizing vinylidene fluoride with the aid of a persulfate initiator.

**CONSTITUTION:** Use is made of, as a chain transfer agent, 0.1-5mol%, based on vinylidene fluoride, methyl acetate and/or ethyl acetate. Namely, water is charged with vinylidene fluoride, 0.001-1wt%, based on water, persulfate (e.g., potassium persulfate, ammonium persulfate), 0.01-0.5wt%, based on water, emulsifier (e.g., ammonium perfluorooctanoate), and a predetermined amount of methyl acetate and/or ethyl acetate, and the mixture is emulsion-polymerized at about 70-100 deg.C and about 5-45kg/cm<sup>2</sup>.

---

Data supplied from the **esp@cenet** database - I2